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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/089,058A

DATE: 02/28/2003
TIME: 14:31:42

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Output Set: N:\CRF4\02282003\J089058A.raw

5 <110> APPLICANT: Braun, Curtis
7 Borgford, Thor
9 Purac, Admir
13 <120> TITLE OF INVENTION: Improved Ricin-Like Toxins for Treatment of Cancer
17 <130> FILE REFERENCE: 10447-22
21 <140> CURRENT APPLICATION NUMBER: US 10/089,058A
C--> 23 <141> CURRENT FILING DATE: 2002-09-12
27 <150> PRIOR APPLICATION NUMBER: US 60/197,409
29 <151> PRIOR FILING DATE: 2000-04-14
33 <150> PRIOR APPLICATION NUMBER: US 60/157,807
35 <151> PRIOR FILING DATE: 1999-10-04
39 <160> NUMBER OF SEQ ID NOS: 130
43 <170> SOFTWARE: PatentIn version 3.1
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111 <212> TYPE: DNA
113 <213> ORGANISM: E. coli

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122 aaacaatacc caattataaa cttaaccaca gcgggtgcca ctgtcaaag ctacacaaac 180
124 ttatcagag ctgttcgcgg tcgttaaca actggagctg atgtgagaca taaaatacca 240
126 gtgtgc当地 acagagttgg tttgcctata aaccacggg ttatTTTGT tgaactctca 300
128 aatcatgcag agcttctgt tacattagcg ctggatgtca ccaatgcata tgggtcg 360
130 taccgtgctg gaaatagcgc atatttctt catcctgaca atcaggaaga tgcagaagca 420
132 atcactcatc ttttactga tggtcaaat cgatatacat tcgcctttgg tggtaattat 480
134 gatagacttg aacaacttgc tggtaatctg agagaaaata tcgagttggg aaatggtcca 540
136 cttagggagg ctatctcagc gctttattat tacagtactg gtggcaactca gcttccaact 600
138 ctggctcggt ctttataat ttgcataccaa atgatttcag aagcagcaag attccaatat 660
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217 Gln Arg Asn Phe Asn Ala Asp Val Cys Met Asp Pro Glu

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294 aaacaataacc caattataaa cttaaccaca gcgggtgcacatgtgcacaa ctacacaaac		180
296 ttatcagag ctgttcgcgg tcgtttaaca actggagctg atgtgagaca taaaatccca		240
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302 taccgtgtca gaaatagcgc atatttctttt catcctgaca atcagggaaa tgcaagaagca		420
304 atcacttcac ttttcaactga tggtcaaat cgtatatacat tcgcctttgg tggttaatttt		480
306 gatagacttg aacaacttgc tggttatctg agagaaaaata tcgagttggg aaatggtcca		540
308 cttagaggagg ctatctcagc gctttatttt tacagtactg gtggcactca gcttccaact		600
310 ctggctcggtt cctttataat ttgcattccaa atgatttcag aagcagcaag attccaatat		660
312 attgagggag aatgcgcac gagaatttagg tacaaccggaa gatctgcacc agatccttagc		720
314 gtaattacac ttgagaatag ttggggggaga ctttccactg caattcaaga gtctaaccaa		780
316 ggagcctttg ctgtccaaat tcaactgcac agacgtatg gttccaaattt cagttgttac		840
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320 tcgtcacagt tttctccgcac agaatttgcac gggcagtgtatggatccctgacccatagtg		960
322 cgtatcgtag gtcgaaatgg tctatgtttt gatgttaggg atgaaagatt ccacaacggaa		1020
324 aacqcaatac aqttgtggcc atqcaaqct aatacaqatg caaatcaqct ctqqaactttq		1080

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330	atatggata atggaaccat cataaatccc agatctagtc tagttttagc agcagacatca	1260
332	gggaacagtgtt accacact tacagtgc accaacattt atgccgttag tcaagggttgg	1320
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336	ttgcaagcaa atatggaca agtattggata gaggactgta gcagtgaaaa ggctgaacaa	1440
338	cagtgggctc tttatgcaga tggttcaata cgtcctcagc aaaaccgaga taattgcctt	1500
340	acaagtgtt ctaatatacg ggaaacagggtt gttaagatcc tctcttgcc ccctgcattcc	1560
342	tctggccaac gatggatgtt caagaatgtt ggaaccattt taaatttgc tagtgggttg	1620
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VERIFICATION SUMMARY
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